

# CALIFORNIA HIGH-SPEED TRAIN

Alternative Analysis Alignment Maps

## San Jose to Merced

Morgan Hill to Gilroy Subsection  
East of UPRR Alternative

April 2010

California High-Speed  
Rail Authority







MATCHLINE SEE SHEET 02

LEGEND:

AT GRADE ALIGNMENT

ELEVATED/AERIAL ALIGNMENT

UNDERGROUND/TRENCH ALIGNMENT

RIGHT-OF-WAY

EXISTING ROAD TO BE GRADE SEPARATED

EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.

2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT

SAN JOSE TO MERCED

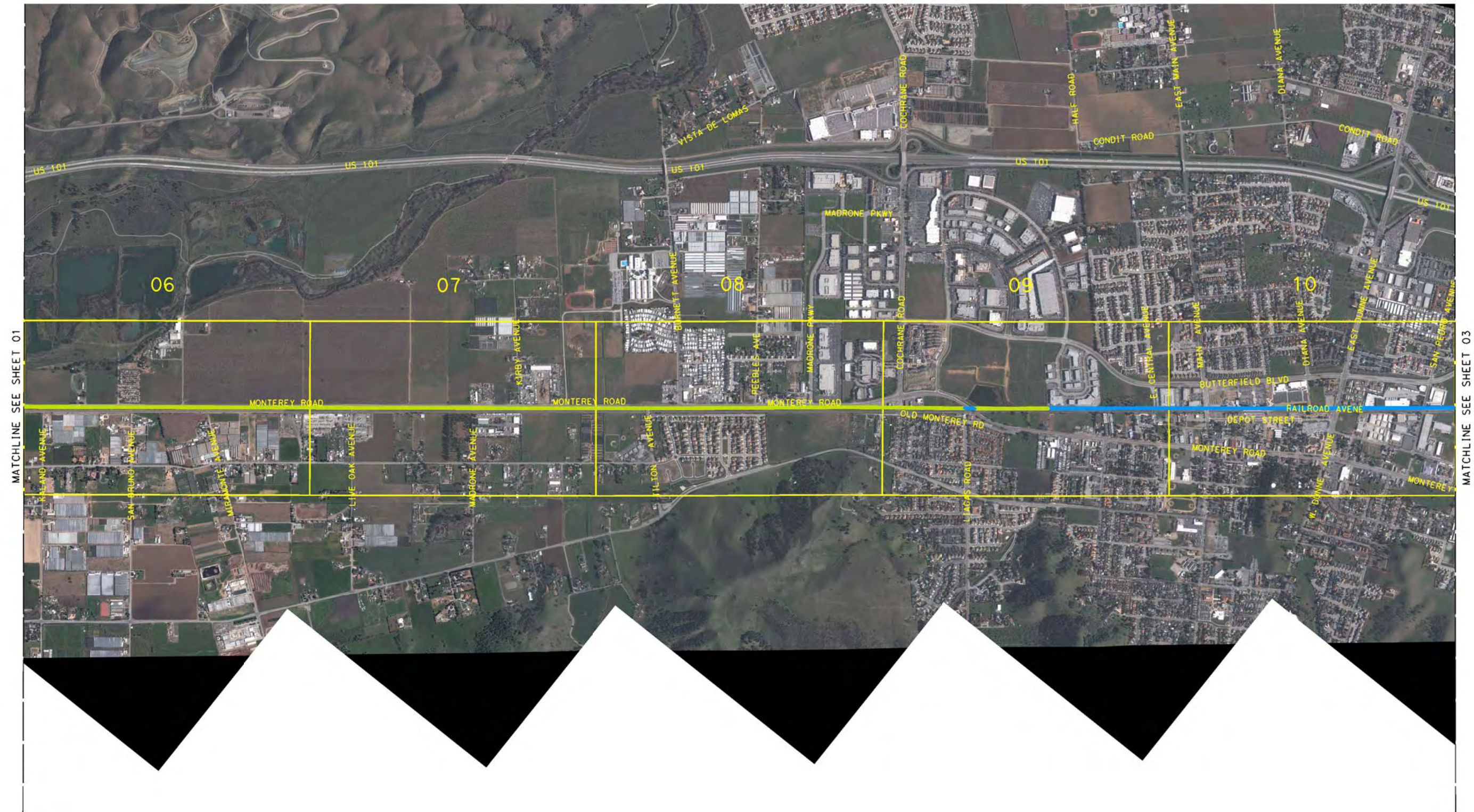
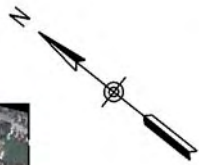
MORGAN HILL/GILROY SUBSECTION

EAST OF UPRR ALIGNMENT ALTERNATIVE

KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	01 OF 06





**LEGEND:**

- AT GRADE ALIGNMENT
- ELEVATED/AERIAL ALIGNMENT
- UNDERGROUND/TRENCH ALIGNMENT
- RIGHT-OF-WAY
- EXISTING ROAD TO BE GRADE SEPARATED
- EXISTING ROAD TO BE CLOSED

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**SAN JOSE TO MERCED**

MORGAN HILL/GILROY SUBSECTION

EAST OF UPRR ALIGNMENT ALTERNATIVE

KEY MAP

CONTRACT NO.  
HSR08-05

DATE  
04/2010

SCALE  
NO SCALE

SHEET NO.  
02 OF 06





- LEGEND:**
- AT GRADE ALIGNMENT
  - ELEVATED/AERIAL ALIGNMENT
  - UNDERGROUND/TRENCH ALIGNMENT
  - RIGHT-OF-WAY
  - EXISTING ROAD TO BE GRADE SEPARATED
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SAN JOSE TO MERCED**

MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE  
KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	03 OF 06









**LEGEND:**

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- ELEVATED/AERIAL ALIGNMENT
- UNDERGROUND/TRENCH ALIGNMENT
- RIGHT-OF-WAY
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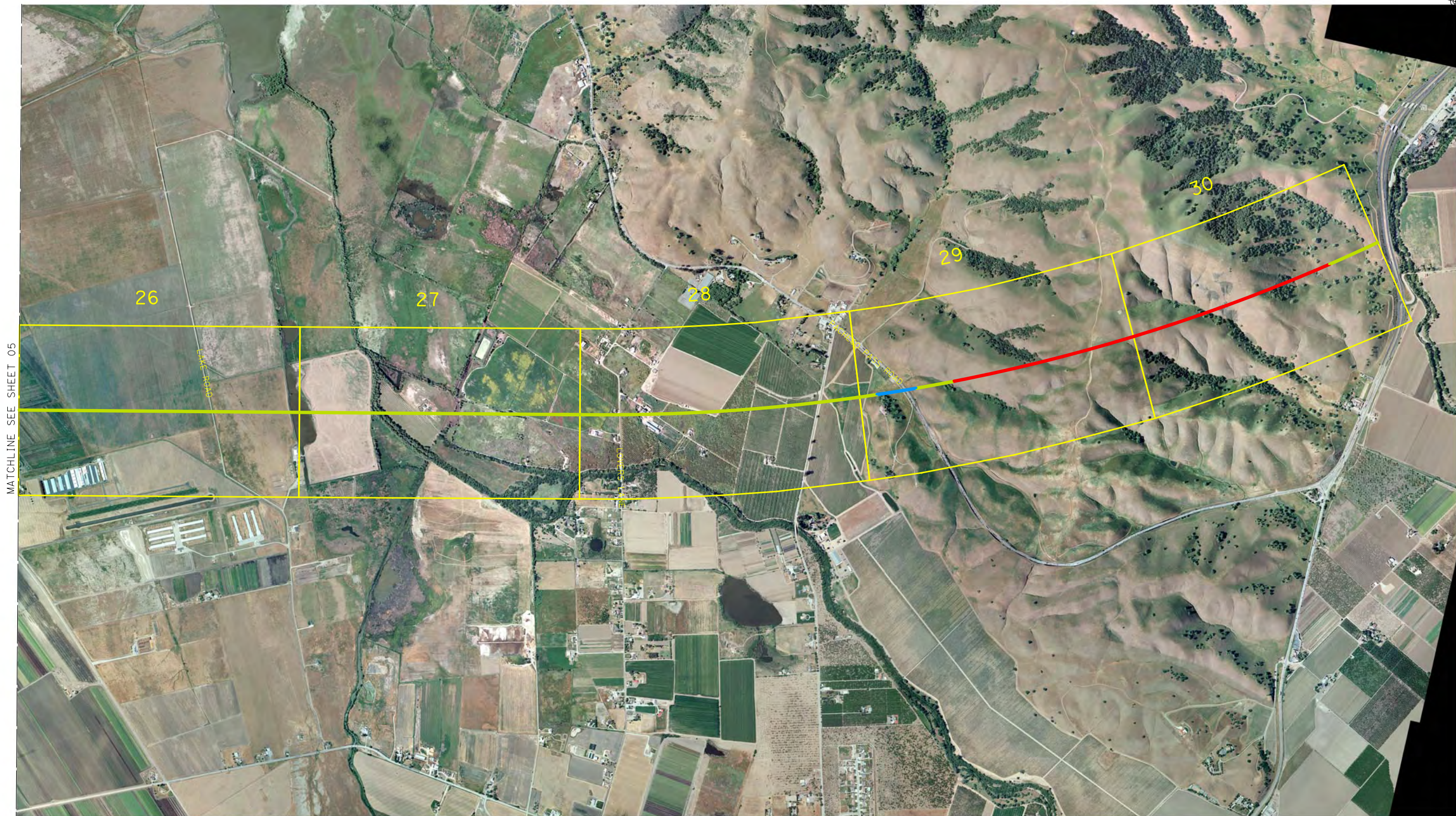
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE  
KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	05 OF 06





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

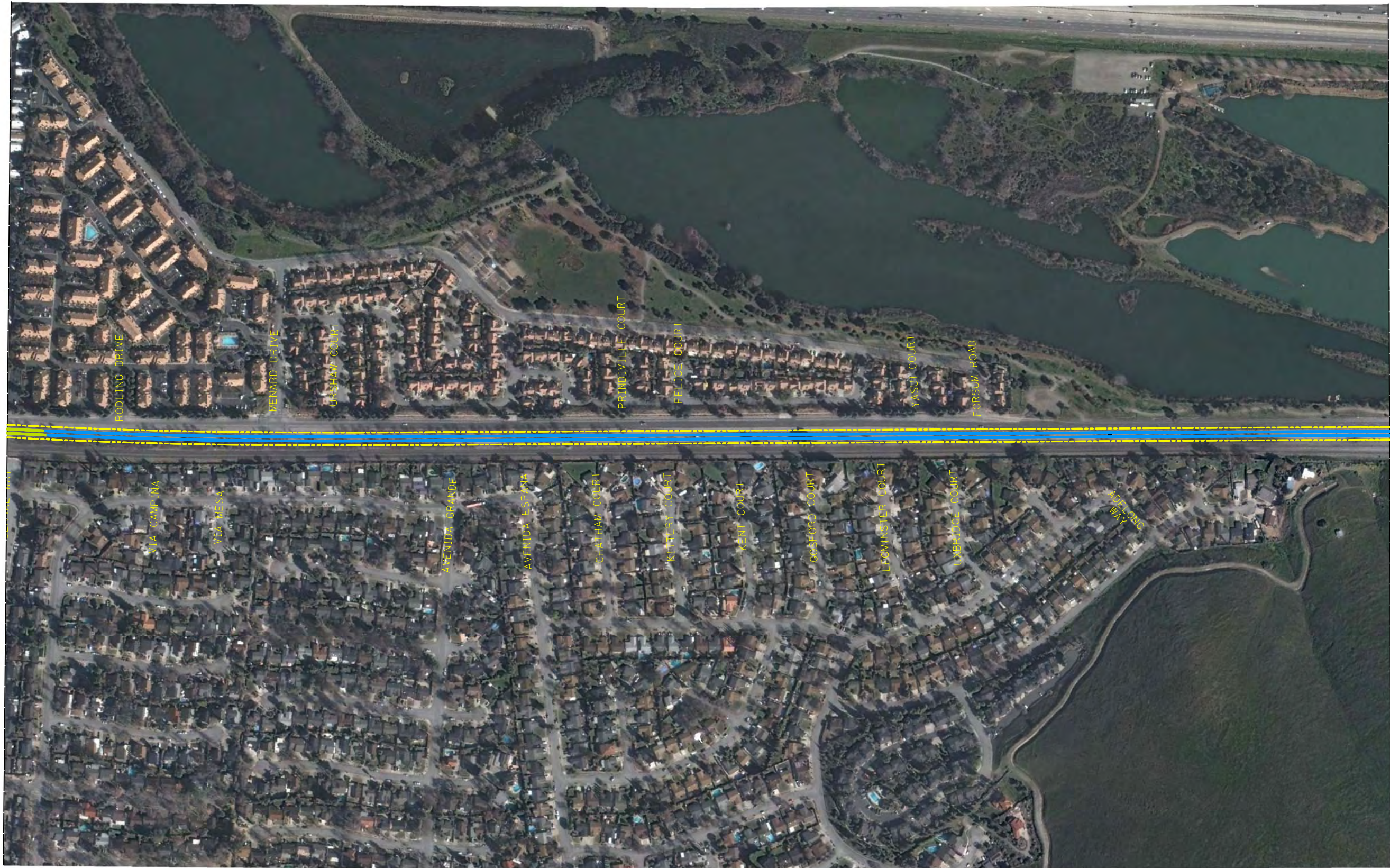
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**SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE  
KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	06 OF 06





MATCHLINE SEE SHEET 02

LEGEND:

AT GRADE ALIGNMENT

ELEVATED/AERIAL ALIGNMENT

UNDERGROUND/TRENCH ALIGNMENT

RIGHT-OF-WAY

EXISTING ROAD TO BE GRADE SEPARATED

EXISTING ROAD TO BE CLOSED

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PARSONS

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

FLY CALIFORNIA

Without ever leaving the ground.

CALIFORNIA HIGH-SPEED TRAIN PROJECT

SAN JOSE TO MERCED

MORGAN HILL/GILROY SUBSECTION

EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.

HSR08-05

DATE

04/2010

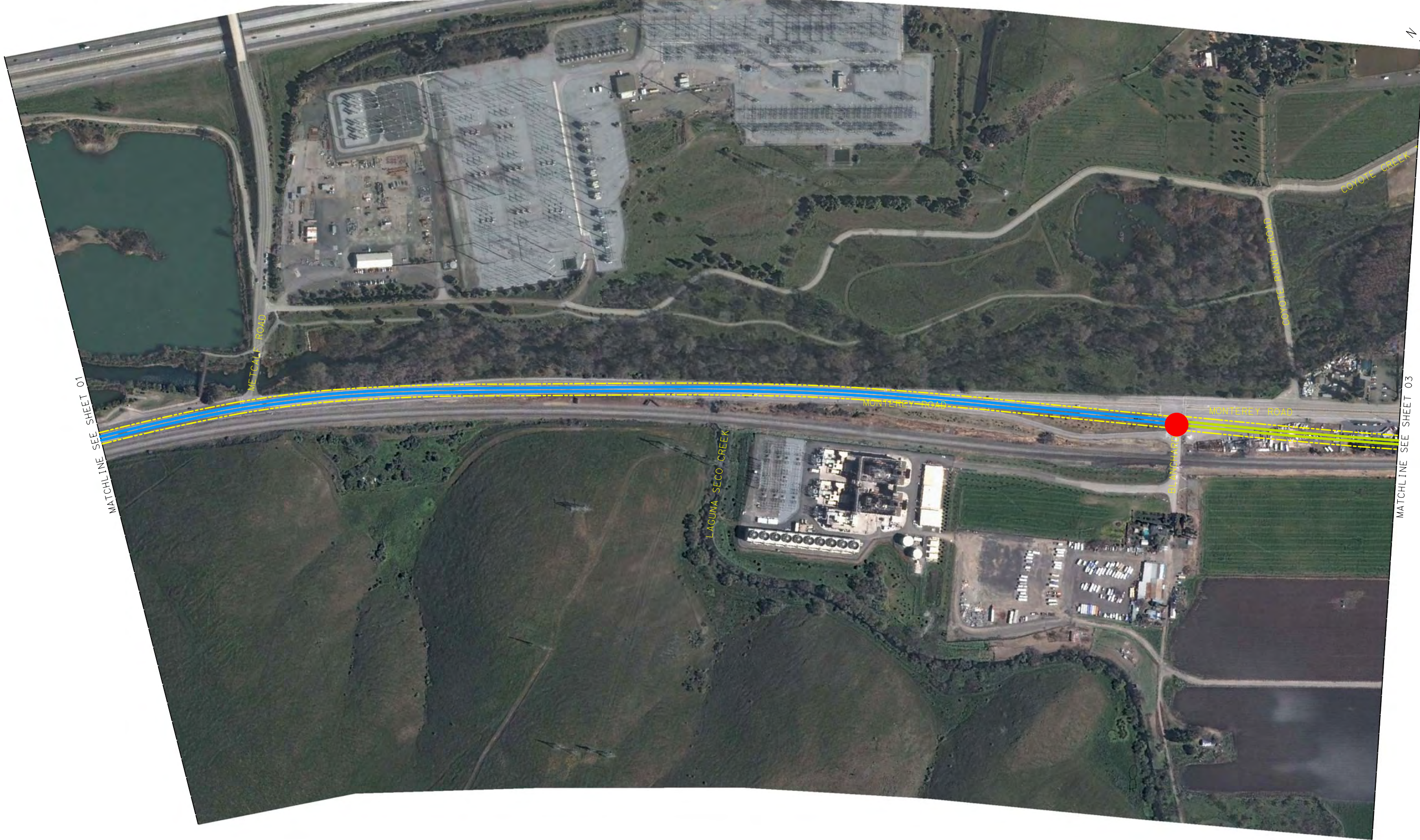
SCALE

AS SHOWN

SHEET NO.

1 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

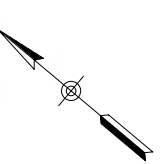
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SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	2 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

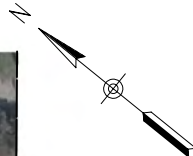
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO. HSR08-05
DATE 04/2010
SCALE AS SHOWN
SHEET NO. 3 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO. HSR08-05
DATE 04/2010
SCALE AS SHOWN
SHEET NO. 4 OF 30





- LEGEND:**
- AT GRADE ALIGNMENT
  - ELEVATED/AERIAL ALIGNMENT
  - UNDERGROUND/TRENCH ALIGNMENT
  - RIGHT-OF-WAY
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	5 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

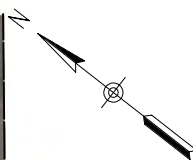
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	6 OF 30





MATCHLINE SEE SHEET 06

MATCHLINE SEE SHEET 08



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	7 OF 30



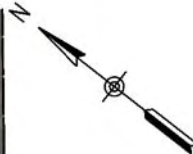


LEGEND:	
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	RIGHT-OF-WAY
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<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> MORGAN HILL/GILROY SUBSECTION EAST OF UPRR ALIGNMENT ALTERNATIVE	
CONTRACT NO. HSR08-05	DATE 04/2010
SCALE AS SHOWN	SHEET NO. 8 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	9 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

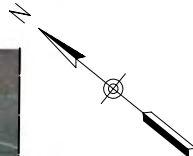
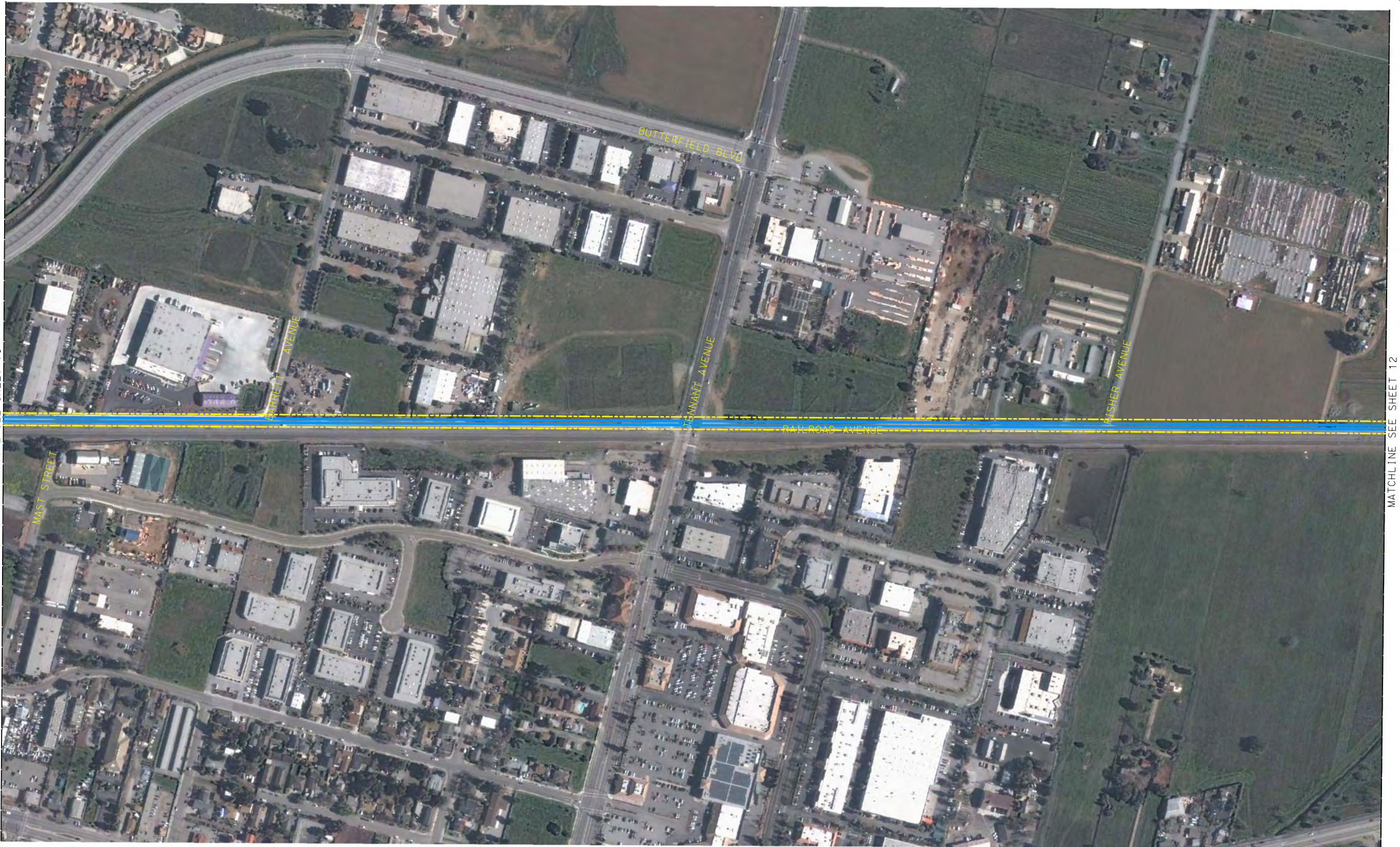
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	10 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	11 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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**PARSONS**

**CALIFORNIA HIGH-SPEED RAIL AUTHORITY**  
**FLY CALIFORNIA**  
*Without ever leaving the ground.*

<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> MORGAN HILL/GILROY SUBSECTION EAST OF UPRR ALIGNMENT ALTERNATIVE	
CONTRACT NO. HSR08-05	DATE 04/2010
SCALE AS SHOWN	SHEET NO. 12 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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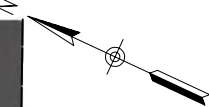
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CONTRACT NO. HSR08-05	DATE 04/2010
SCALE AS SHOWN	SHEET NO. 13 OF 30





MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 15



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

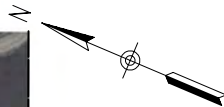
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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	14 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	15 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	16 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

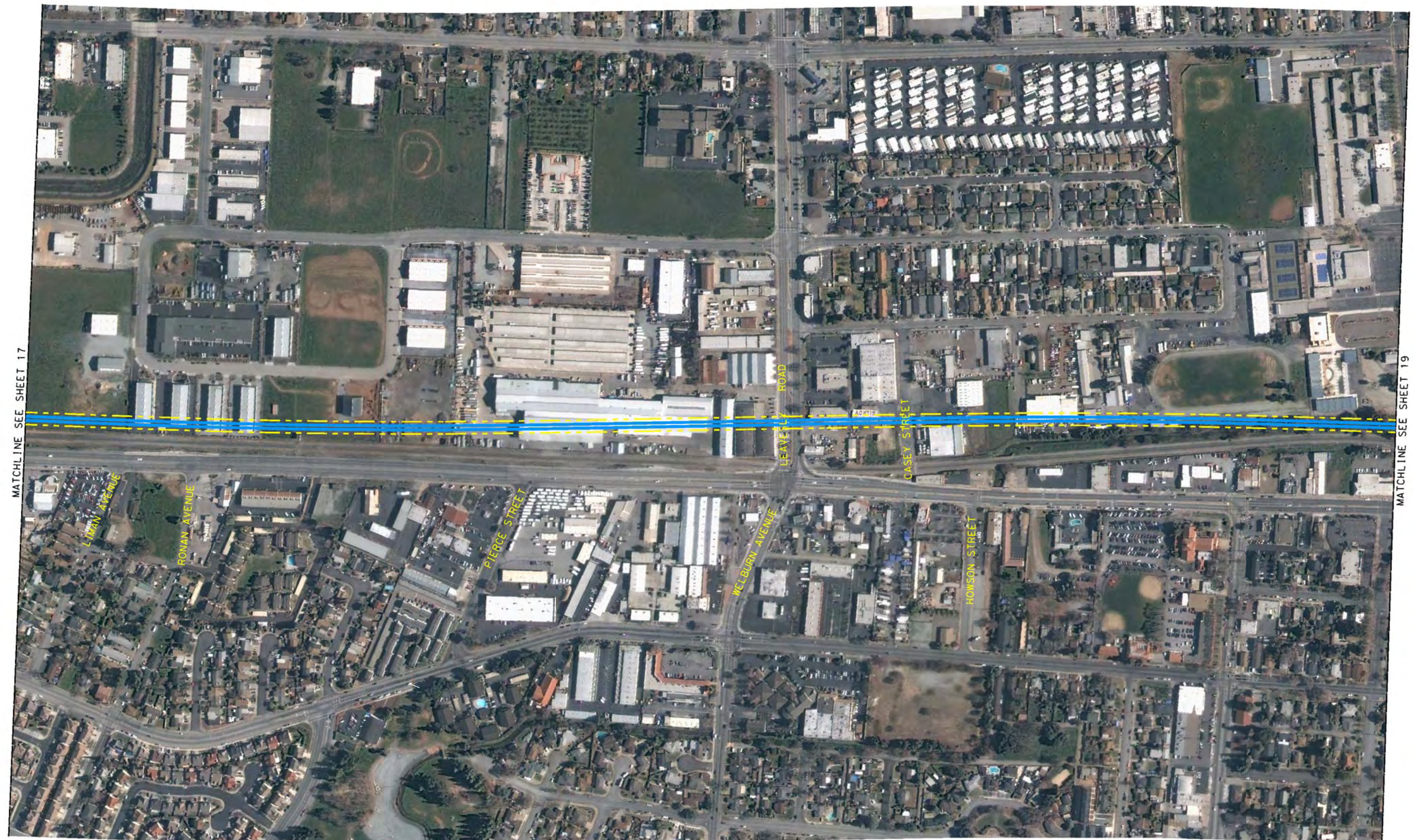
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EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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SCALE	AS SHOWN
SHEET NO.	17 OF 30





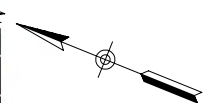
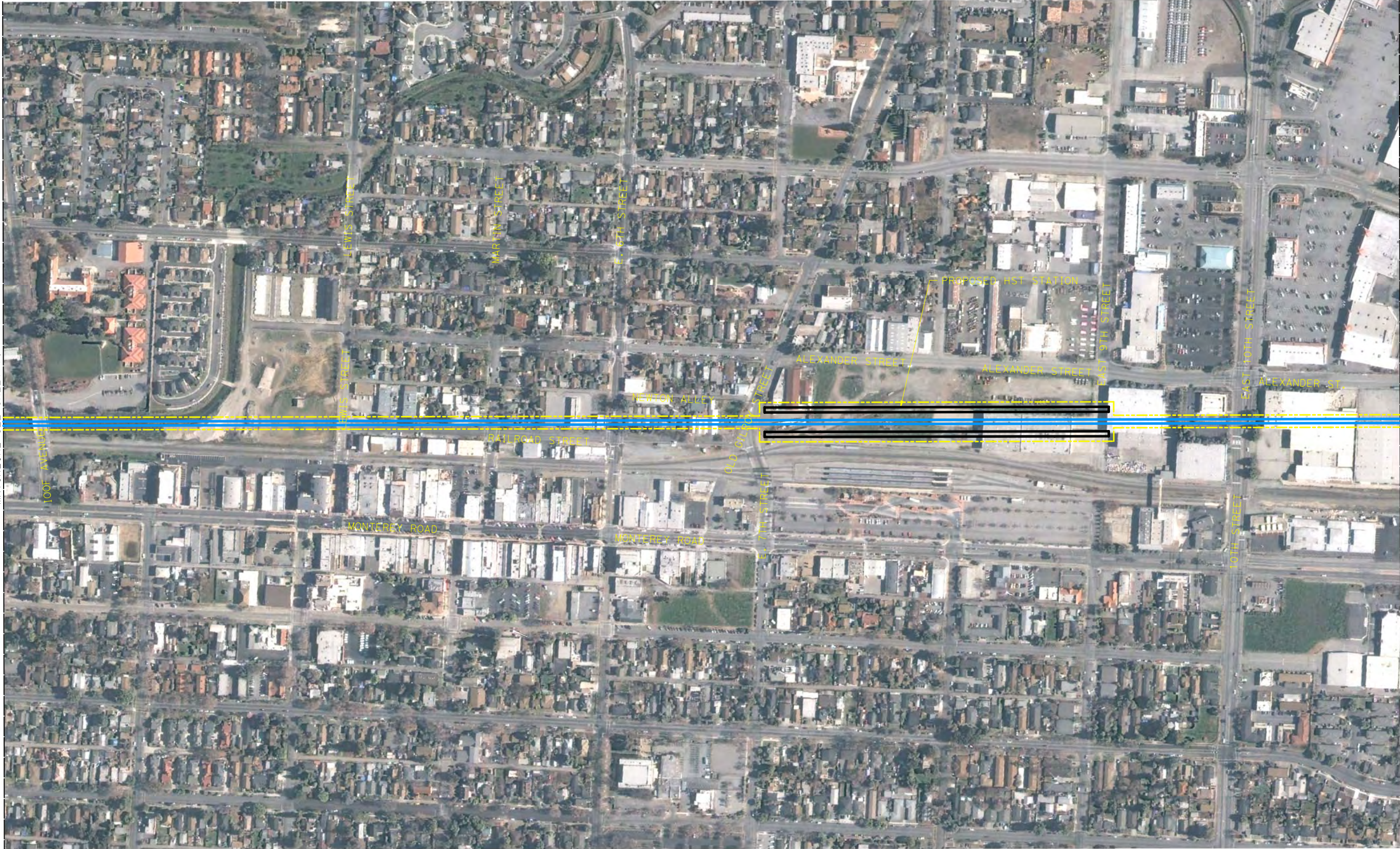
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	18 OF 30





LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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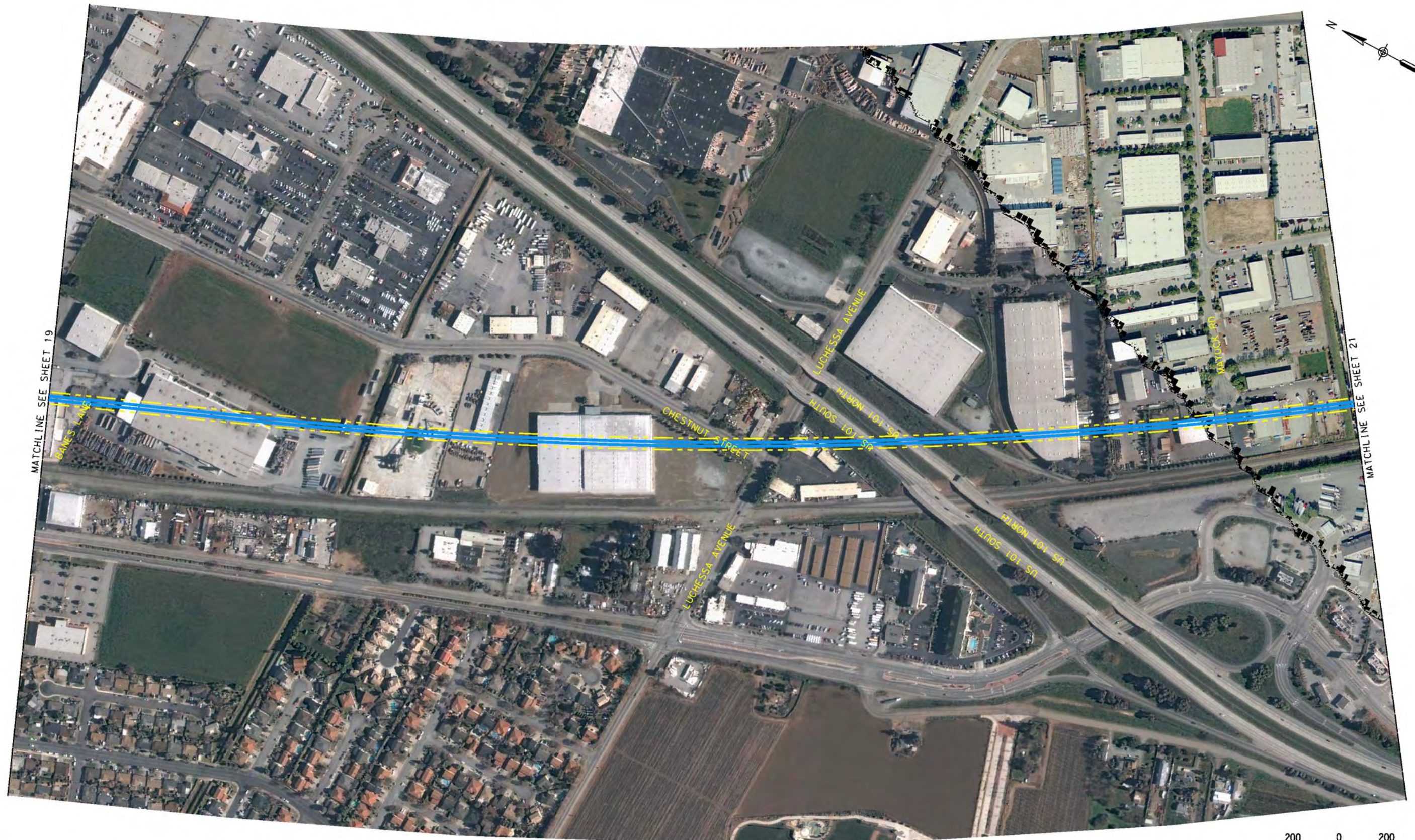




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SCALE AS SHOWN
SHEET NO. 19 OF 30





- LEGEND:**
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  - ELEVATED/AERIAL ALIGNMENT
  - UNDERGROUND/TRENCH ALIGNMENT
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SHEET NO.	20 OF 30





**LEGEND:**

- AT GRADE ALIGNMENT
- ELEVATED/AERIAL ALIGNMENT
- UNDERGROUND/TRENCH ALIGNMENT
- - - RIGHT-OF-WAY
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**PARSONS**

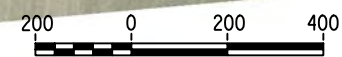
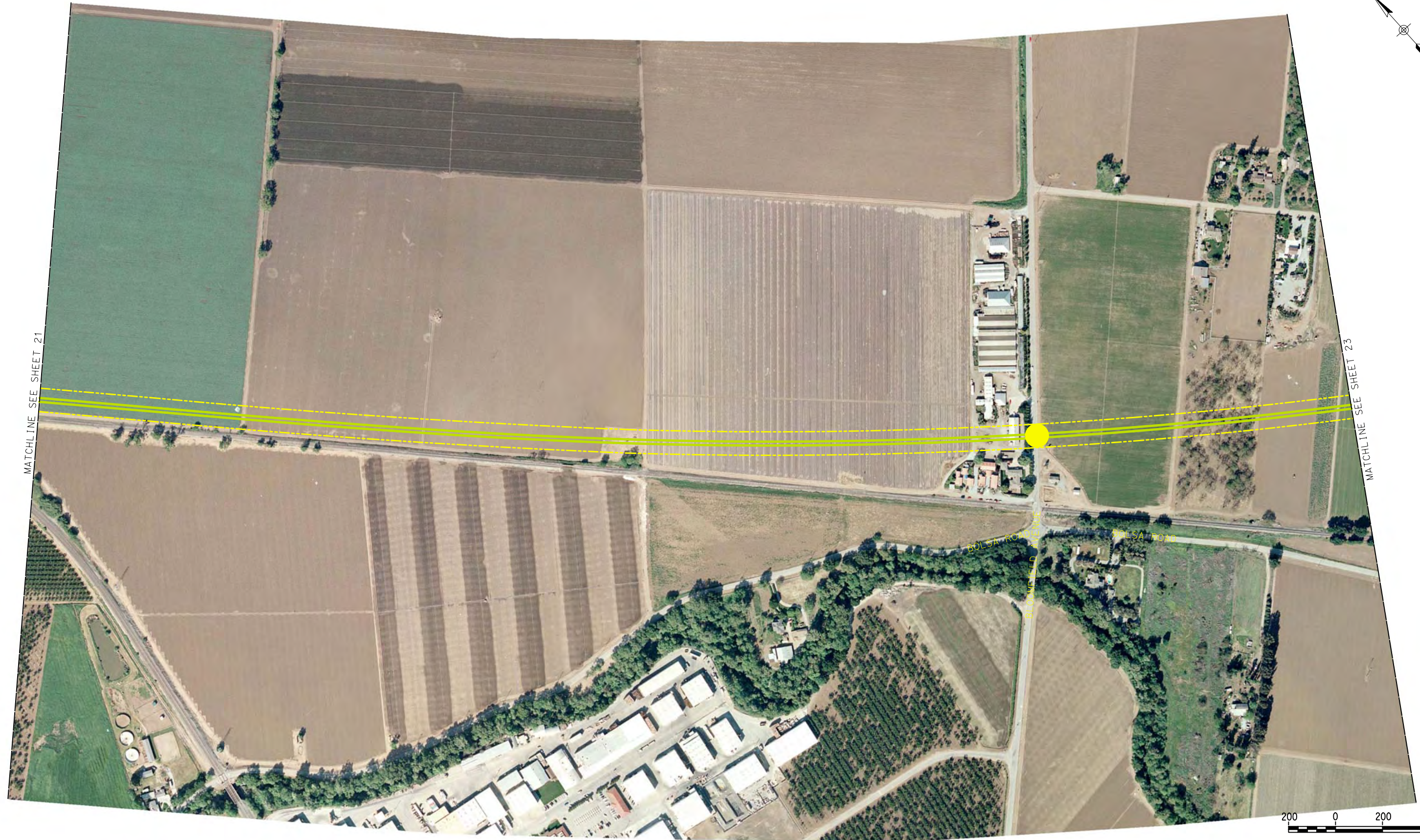


CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
**FLY CALIFORNIA**  
*Without ever leaving the ground.*

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	21 OF 30





- LEGEND:**
- AT GRADE ALIGNMENT
  - ELEVATED/AERIAL ALIGNMENT
  - UNDERGROUND/TRENCH ALIGNMENT
  - RIGHT-OF-WAY
  - EXISTING ROAD TO BE GRADE SEPARATED
  - EXISTING ROAD TO BE CLOSED

**NOTES:**

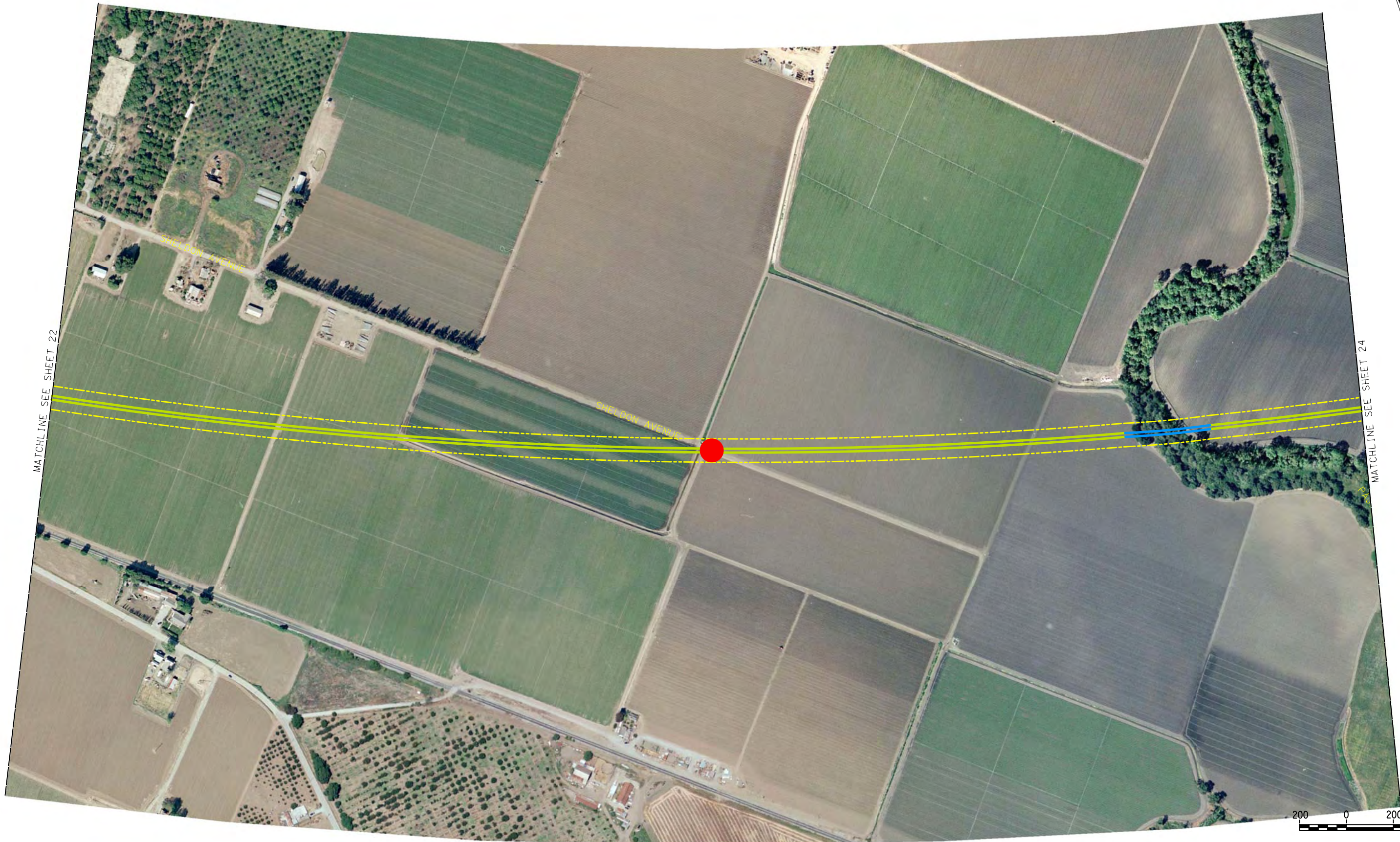
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

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- LEGEND:**
- AT GRADE ALIGNMENT
  - ELEVATED/AERIAL ALIGNMENT
  - UNDERGROUND/TRENCH ALIGNMENT
  - RIGHT-OF-WAY
  - EXISTING ROAD TO BE GRADE SEPARATED
  - EXISTING ROAD TO BE CLOSED

**NOTES:**

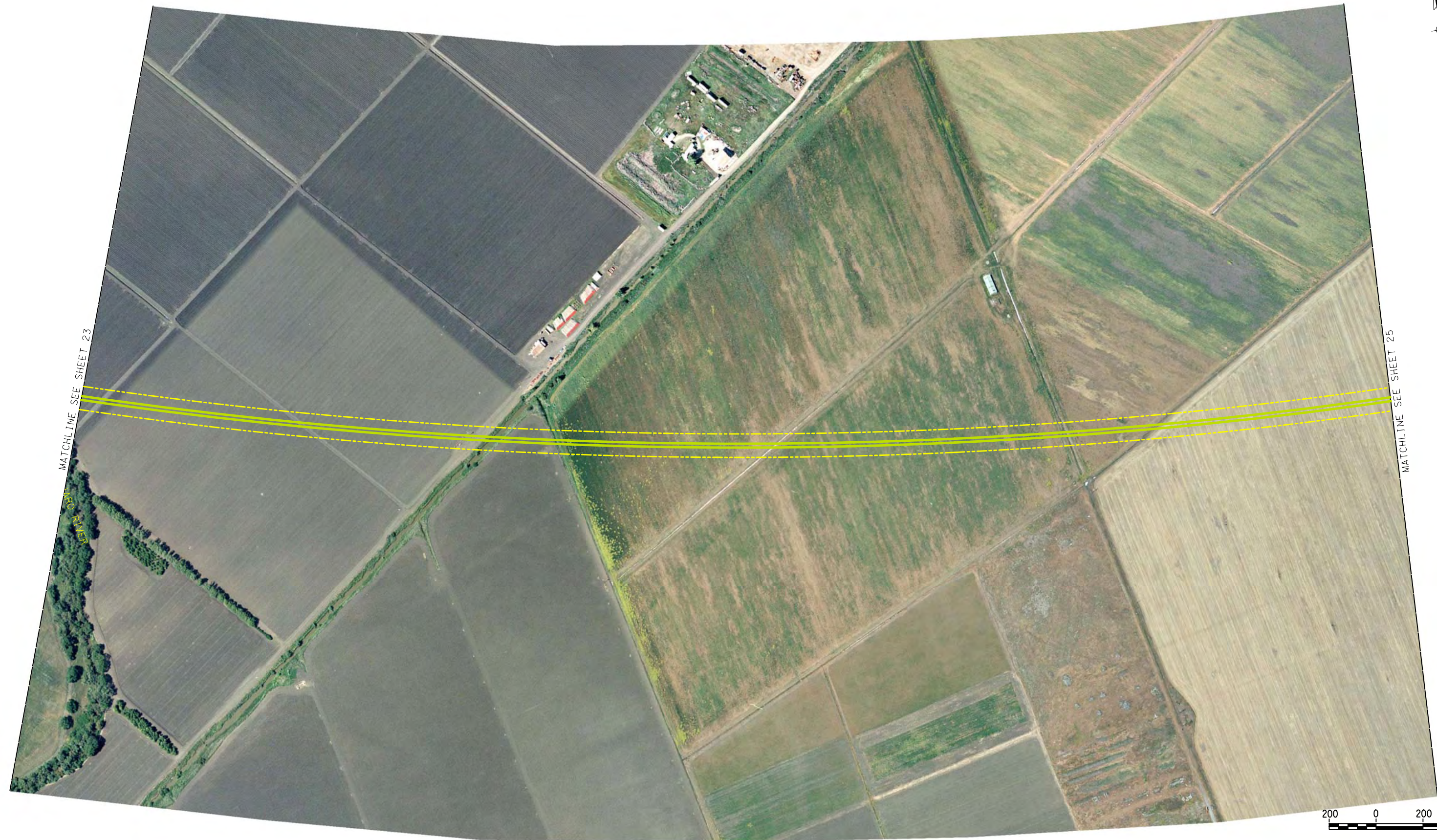
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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**LEGEND:**

- AT GRADE ALIGNMENT
- ELEVATED/AERIAL ALIGNMENT
- UNDERGROUND/TRENCH ALIGNMENT
- RIGHT-OF-WAY
- EXISTING ROAD TO BE GRADE SEPARATED
- EXISTING ROAD TO BE CLOSED

**NOTES:**

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MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

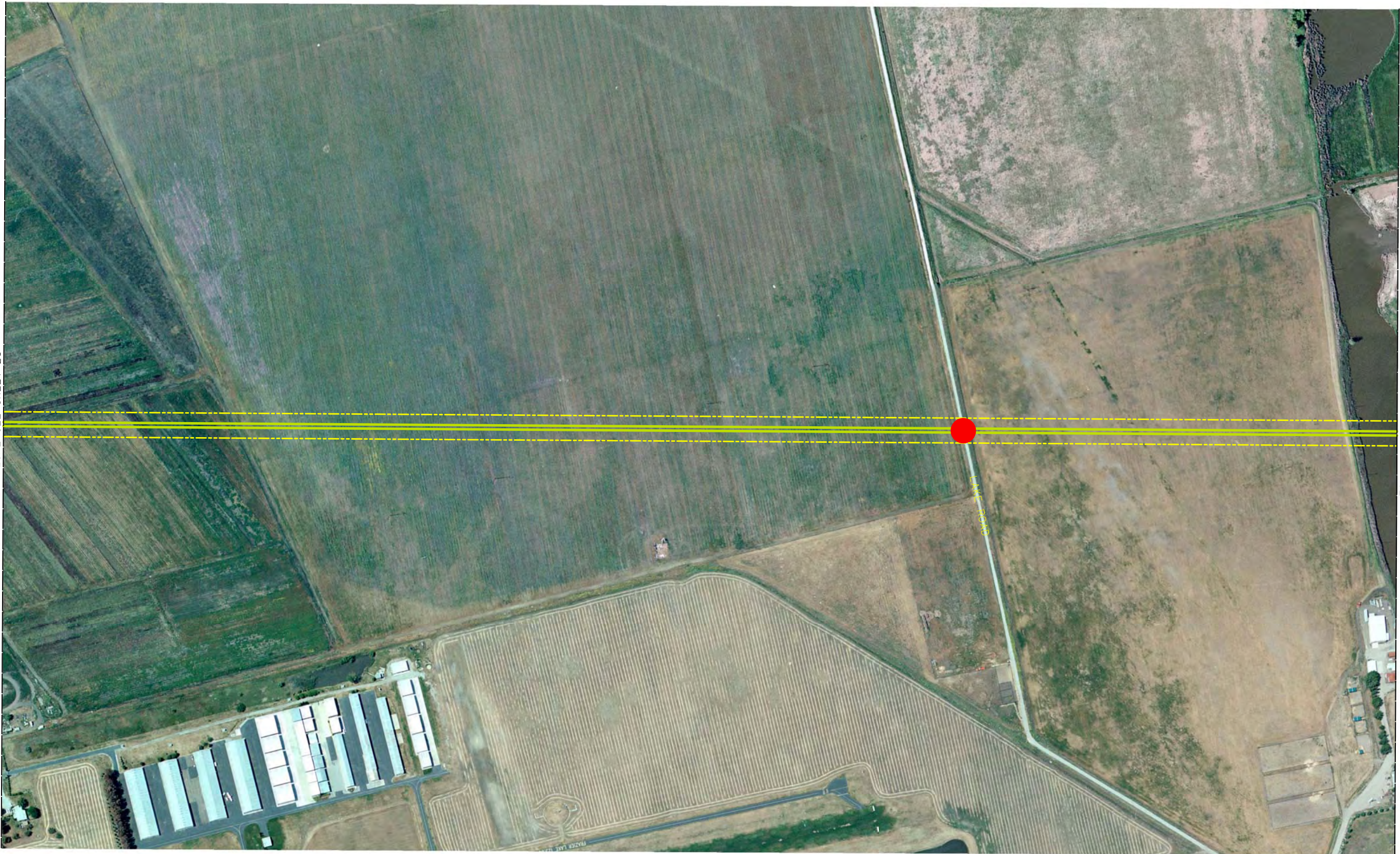
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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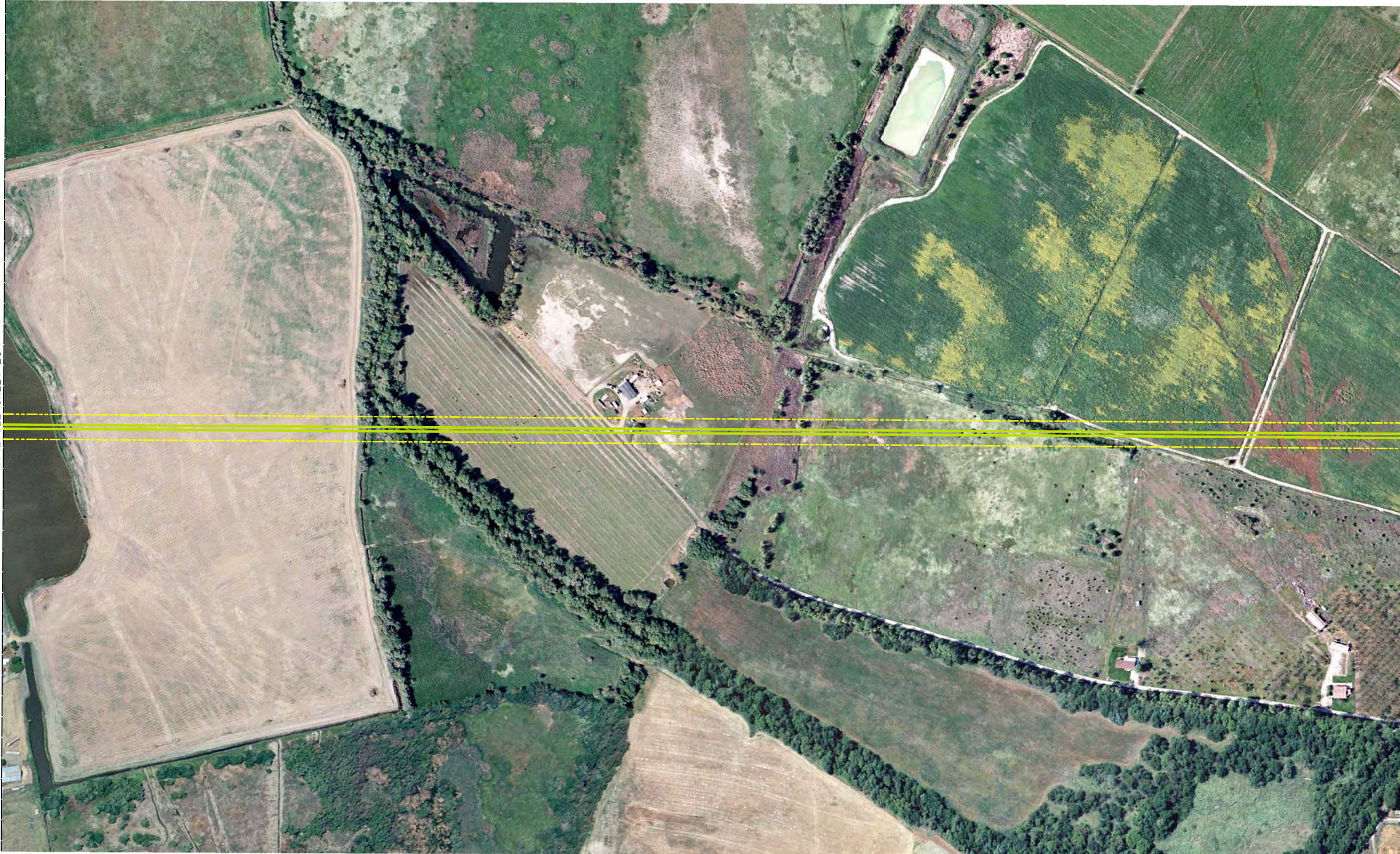


<p><b>LEGEND:</b></p> <ul style="list-style-type: none"><li>AT GRADE ALIGNMENT</li><li>ELEVATED/AERIAL ALIGNMENT</li><li>UNDERGROUND/TRENCH ALIGNMENT</li><li>RIGHT-OF-WAY</li><li>EXISTING ROAD TO BE GRADE SEPARATED</li><li>EXISTING ROAD TO BE CLOSED</li></ul>	<p><b>NOTES:</b></p> <ol style="list-style-type: none"><li>SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.</li><li>RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.</li></ol>			<p><b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> MORGAN HILL/GILROY SUBSECTION EAST OF UPRR ALIGNMENT ALTERNATIVE</p>	<table border="1"><tr><td>CONTRACT NO.</td><td>HSR08-05</td></tr><tr><td>DATE</td><td>04/2010</td></tr><tr><td>SCALE</td><td>AS SHOWN</td></tr><tr><td>SHEET NO.</td><td>26 OF 30</td></tr></table>	CONTRACT NO.	HSR08-05	DATE	04/2010	SCALE	AS SHOWN	SHEET NO.	26 OF 30
CONTRACT NO.	HSR08-05												
DATE	04/2010												
SCALE	AS SHOWN												
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MATCHLINE SEE SHEET 26



MATCHLINE SEE SHEET 28



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

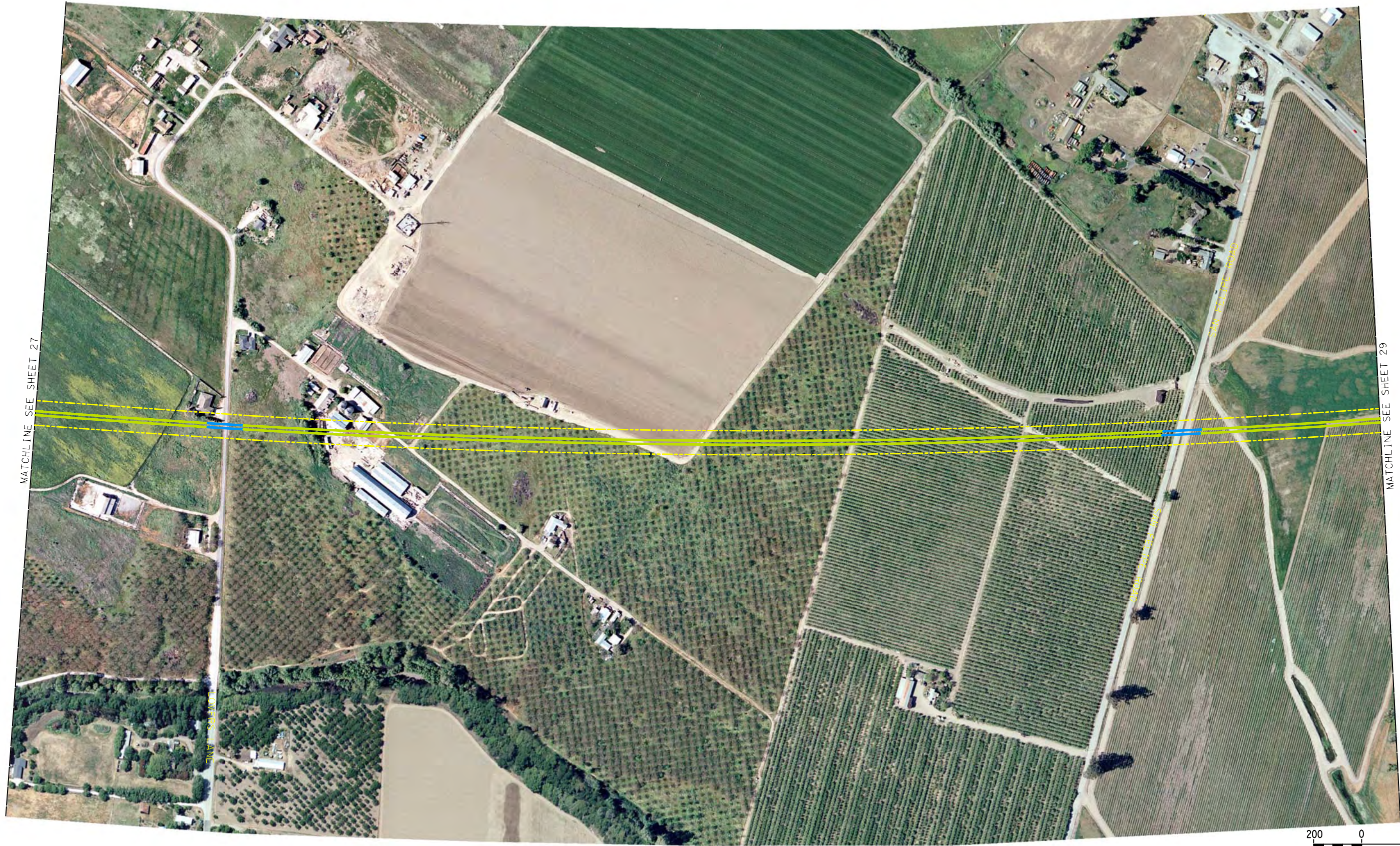
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
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- LEGEND:**
- AT GRADE ALIGNMENT
  - ELEVATED/AERIAL ALIGNMENT
  - UNDERGROUND/TRENCH ALIGNMENT
  - RIGHT-OF-WAY
  - EXISTING ROAD TO BE GRADE SEPARATED
  - EXISTING ROAD TO BE CLOSED

**NOTES:**

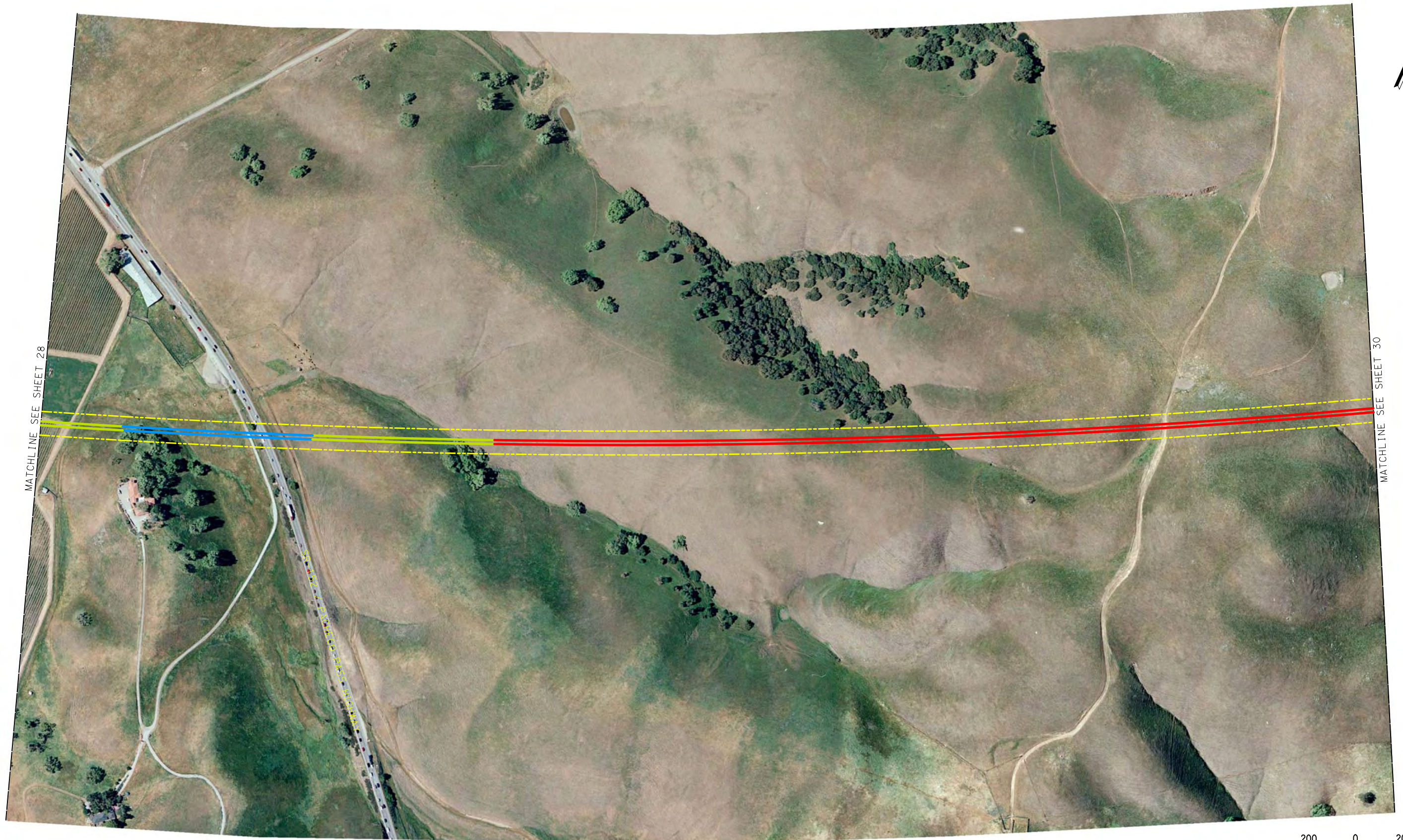
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
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EAST OF UPRR ALIGNMENT ALTERNATIVE

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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

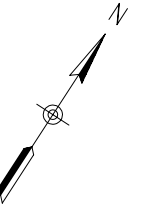
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**SAN JOSE TO MERCED**  
MORGAN HILL/GILROY SUBSECTION  
EAST OF UPRR ALIGNMENT ALTERNATIVE

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MATCHLINE SEE SHEET 29



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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